

Datasheet

AXL (phospho Y698/Y702/Y703) polyclonal antibody

Catalog Number: PAB15888

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic phosphopeptide of AXL.

Immunogen: Synthetic phosphopeptide corresponding to residues surrounding Y698/Y702/Y703 of human AXL.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: ELISA (1:2000-1:5000)

Western Blot (1 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 558

Gene Symbol: AXL

Gene Alias: JTK11, UFO

Gene Summary: The protein encoded by this gene is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, this protein represents a unique structure of the extracellular region that juxtaposes IgL and FNIII

repeats. It transduces signals from the extracellular matrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-specific gene 6. It is involved in the stimulation of cell proliferation and can also mediate cell aggregation by homophilic binding. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

References:

1. Automated phosphoproteome analysis for cultured cancer cells by two-dimensional nanoLC-MS using a calcined titania/C18 biphasic column. Imami K, Sugiyama N, Kyono Y, Tomita M, Ishihama Y. *Anal Sci.* 2008 Jan;24(1):161-6.
2. Global survey of phosphotyrosine signaling identifies oncogenic kinases in lung cancer. Rikova K, Guo A, Zeng Q, Possemato A, Yu J, Haack H, Nardone J, Lee K, Reeves C, Li Y, Hu Y, Tan Z, Stokes M, Sullivan L, Mitchell J, Wetzel R, Macneill J, Ren JM, Yuan J, Bakalarski CE, Villen J, Kornhauser JM, Smith B, Li D, Zhou X, Gygi SP, Gu TL, Polakiewicz RD, Rush J, Comb MJ. *Cell.* 2007 Dec 14;131(6):1190-203.
3. Tyro3 family-mediated cell entry of Ebola and Marburg viruses. Shimojima M, Takada A, Ebihara H, Neumann G, Fujioka K, Irimura T, Jones S, Feldmann H, Kawaoka Y. *J Virol.* 2006 Oct;80(20):10109-16.